

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/E 004/053577

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 D21H27/20 D21H19/32 C09D1/00 B05D7/00 B05D7/04  
C08J7/04 C01B33/16 C08K3/22

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D21H B05D C01B C09D C08J C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98/51747 A (INSTITUT FUER NEUE MATERIALIEN GEM. GMBH; ARPAC, ERTUGRUL; KRUG, HERBE) 19 November 1998 (1998-11-19) page 1, line 1 - page 3, line 28	1-5, 7, 10, 16-18
Y	page 5, line 12 - page 12, line 22  page 13, line 22 - page 15, line 11 page 17, lines 18-27 examples 1-14	6, 8, 11-15, 19-25
Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 05, 12 May 2003 (2003-05-12) & JP 2003 013372 A (SANKOO KOGYO KK), 15 January 2003 (2003-01-15) abstract	6, 8, 19-25

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

12 April 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 23, 10 February 2001 (2001-02-10) & JP 2001 159099 A (JSR CORP), 12 June 2001 (2001-06-12) abstract	6,8, 19-25
Y	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 18, 5 June 2001 (2001-06-05) & JP 01 006198 A (MATSUSHITA ELECTRIC WORKS LTD), 10 January 1989 (1989-01-10) abstract	6,8, 19-25
Y	PATENT ABSTRACTS OF JAPAN vol. 017, no. 551 (C-1117), 5 October 1993 (1993-10-05) & JP 05 156055 A (SHOWA DENKO KK), 22 June 1993 (1993-06-22) abstract	11-15
A	US 4 215 168 A (CHIBA, KIYOSHI ET AL) 29 July 1980 (1980-07-29)  examples 1,2; table 1 claims	1-7,10, 11,13, 15-17
A	EP 1 314 695 A (MITSUBISHI CHEMICAL CORPORATION) 28 May 2003 (2003-05-28) page 9, line 54 - page 10, line 5; claims	1,16
A	US 3 252 917 A (MINDICK MORRIS ET AL) 24 May 1966 (1966-05-24) column 12, lines 51-68; claims; examples	1
A	DE 11 12 940 B (FA. NOBEL-BOZEL) 17 August 1961 (1961-08-17) claims	1,16

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/L 004/053577

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9851747	A	19-11-1998	DE 19719948 A1	19-11-1998
			DE 19746885 A1	24-06-1999
			AU 7654598 A	08-12-1998
			WO 9851747 A1	19-11-1998
			EP 0981583 A1	01-03-2000
			JP 2001526719 T	18-12-2001
			TR 9902788 T2	21-02-2000
			US 6291070 B1	18-09-2001
JP 2003013372	A	15-01-2003	NONE	
JP 2001159099	A	12-06-2001	NONE	
JP 01006198	A	10-01-1989	NONE	
JP 05156055	A	22-06-1993	NONE	
US 4215168	A	29-07-1980	JP 1305051 C	28-02-1986
			JP 54011981 A	29-01-1979
			JP 60026021 B	21-06-1985
			CA 1110532 A1	13-10-1981
			DE 2828576 A1	04-01-1979
			FR 2395834 A1	26-01-1979
			GB 2001280 A , B	31-01-1979
			SE 7807381 A	31-12-1978
EP 1314695	A	28-05-2003	CN 1421388 A	04-06-2003
			EP 1314695 A1	28-05-2003
			JP 2003226515 A	12-08-2003
			JP 2003226516 A	12-08-2003
			US 2003157011 A1	21-08-2003
US 3252917	A	24-05-1966	NONE	
DE 1112940	B	17-08-1961	BE 563574 A	
			CH 382722 A	15-10-1964
			GB 861378 A	22-02-1961
			NL 113111 C	
			NL 223562 A	